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Hannover Messe 2019, Hall 9, Booth D35

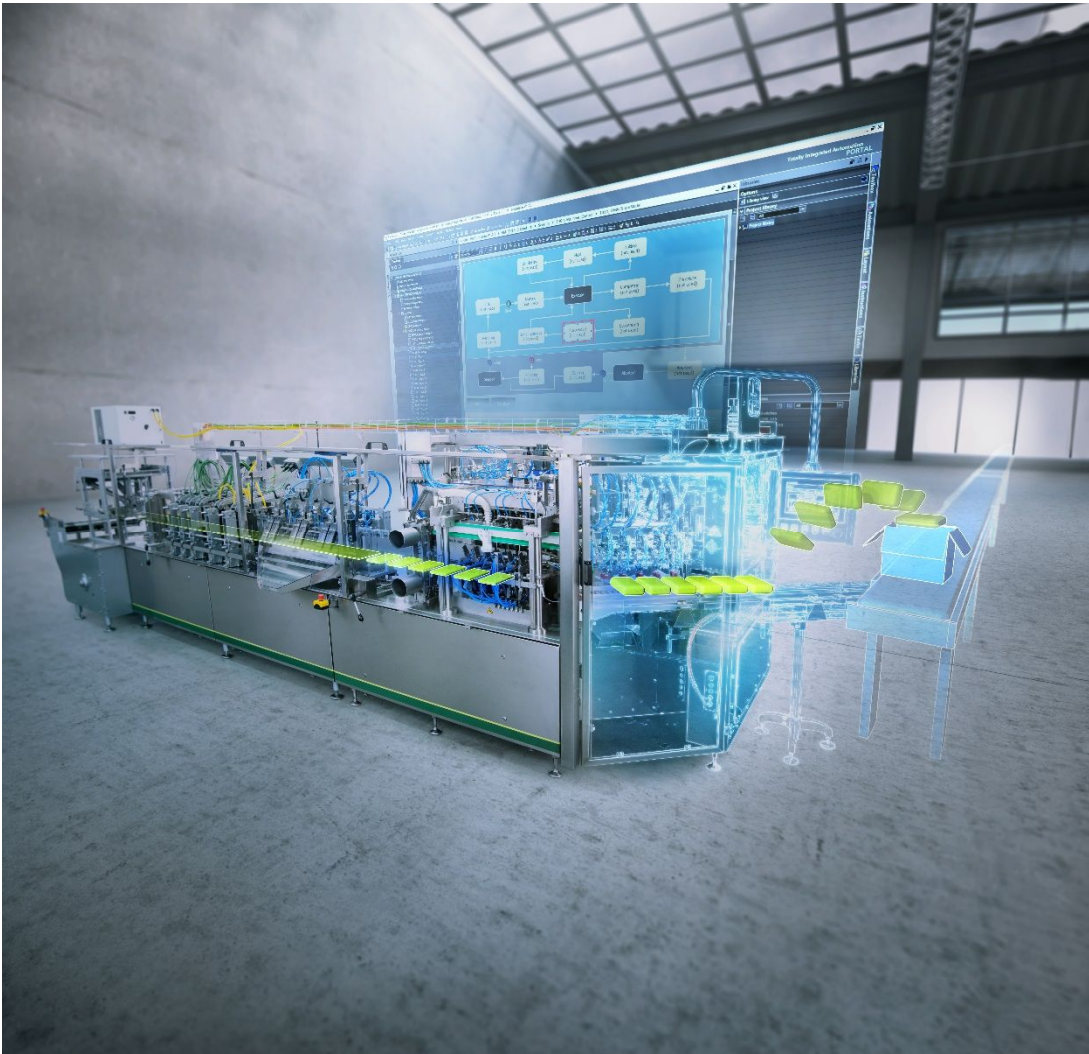
Simple machine integration with OPC UA interface

- **Data interface according to OMAC PackML**
- **First implementation of companion specification in a controller**

Siemens has succeeded in implementing an OPC UA data interface in a Simatic S7-1500 controller according to a companion specification. The OMAC PackML (Packaging Machine Language) makes it easier for end customers and line integrators to integrate packaging machines and connect them to line or MES systems, thus simplifying the evaluation and control of individual machines.

Users can dynamically read status models according to PackML and the associated variables in their project. Since integration can be programmed fully automatically, manual coordination between machine manufacturers and line integrators is superfluous. The statuses used in the state models and the data points can be adjusted depending on the machine type and manufacturer. The OPC UA communication functions combined with a companion specification enable dynamic data readout and make it possible to define uniform status models in OPC, and configure clients automatically.

The companion specification was created by a cross-company workgroup comprising OPC and OMAC PackML members in order to define a data interface based on OPC UA according to PackML. The specification is freely available to all OPC members and can be downloaded from the website.



Siemens has succeeded in implementing an OPC UA data interface in a Simatic S7-1500 controller according to a companion specification using the OMAC PackML (Packaging Machine Language). This makes it easier for end customers and line integrators to integrate packaging machines and connect them to line or MES systems.

You can find this press release and a photo at www.siemens.com/press/PR2019040213DIEN

For further information, refer to <https://opcfoundation.org/developer-tools/specifications-opc-ua-information-models/opc-ua-packml-companion-specification> and <https://support.industry.siemens.com/cs/gb/en/view/109755133>

Siemens AG

For further information on Siemens at the Hannover Messe 2019, please see

www.siemens.com/press/hm19 and www.siemens.com/hannovermesse

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